

2003

**Virginia Department of Transportation
Daily Traffic Volume Estimates**

Special Locality Report

144

Town of Farmville

Prepared By

**Virginia Department of Transportation
Mobility Management Division**

In Cooperation With

**U.S. Department of Transportation
Federal Highway Administration**

Virginia Department of Transportation
Mobility Management Division
Traffic Monitoring Section

The Virginia Department of Transportation (VDOT) conducts a program where traffic count data are gathered from sensors in or along streets and highways and other sources. From these data, estimates of the average number of vehicles that traveled each segment of road are calculated. VDOT periodically publishes booklets listing these estimates.

One of these booklets, titled "Average Daily Traffic Volumes with Vehicle Classification Data, on Interstate, Arterial and Primary Routes" includes a list of each Interstate and Primary highway segment with the estimated Annual Average Daily Traffic (AADT) for that segment. AADT is the total annual traffic estimate divided by the number of days in the year. This booklet also includes information such as estimates of the percentage of the AADT made up by 6 different vehicle types, ranging from cars to double trailer trucks; estimated Annual Average Weekday Traffic (AAWDT), which is the number of vehicles estimated to have traveled the segment of highway during a 24 hour weekday averaged over the year; as well as Peak Hour and Peak Direction factors used by planners to formulate design criteria.

In addition to the Primary and Interstate publication, one hundred books are published periodically, one for each of 100 areas across the state defined by VDOT for record-keeping purposes. These books include traffic volume estimates for roads within the county, cities, and towns within the area. These books are titled "Daily Traffic Volumes Including Vehicle Classification Estimates, where available; Jurisdiction Report numbers 00 through 99".

Also available are a number of reports summarizing the average Vehicle Miles Traveled (VMT) in selected jurisdictions and other categories of highways. There are many different ways to present traffic volume summary information. Because the user determines the value of each presentation, the reports have been redesigned based on user requests and feedback. The people at VDOT Mobility Management's Traffic Monitoring Section who produce these books welcome requests for other helpful ways of presenting the summary information.

A compact disc (CD) is available that includes files in the Adobe® Portable Document Format (PDF) that can be displayed, searched, and printed using common desktop computer equipment. The CD includes the publications described above as well as a number of other reports, including specialized VMT summaries and smaller AADT reports for each city and town separately.

Publication Notes

Parallel Roads

For road inventory and management purposes, some roadways are counted separately by direction and have separately published traffic estimates for each direction of travel. Examples of such roadways are the interstate system and routes with separated facilities and (usually) one-way traffic facilities in urban areas. In these publications, they are referred to as parallel roads. As a convenience for the users of the publication, the listing for segments of roads with parallel segments are published with both the traffic estimates for their own direction of travel (e.g. I-95 Northbound) as well as the estimate of the total of all traffic on the same route including parallel roadways (all directions of I-95). The publication will have a “Combined Traffic Estimates for Parallel Roadways on this Route” or “Combined Traffic” identifiers for the combined direction of travel estimates.

Roadways such as I-395 with a North segment, a South segment and a separate Reversible lane segment will have the estimate for more than two parallel roadways included in the entire combined traffic estimate.

Some routes have very complicated paths through cities and towns. These parallel paths may be too complex to allow a relationship between nearby sections of the opposite direction on the same route. In this case, to indicate that the traffic estimates for such a road segment may not include all directions of traffic on that route, the line that would list the combined values will indicate “NA” for not available.

VDOT’s traffic monitoring program includes more than 100,000 segments of roads and highways ranging from several mile sections of Interstate highways to very short sections of city streets. Due to problems experienced obtaining some traffic count data, and the level of quality necessary to maintain confidence in the data, no estimate is currently available for some segments of roadway. These segments are included in the publications indicating “NA” for not available. It is the intention of the VDOT’s Mobility Management Traffic Monitoring group to obtain the data necessary and to report traffic volume estimates on all road segments included in these publications.

Many of the road segments in this program are local secondary roads. The amount and detail of data collected on these roads are not as great as the data collected on higher volume roads. The vehicle classification, average weekday traffic volumes, and the theoretical design hour traffic volumes are not calculated for these roads. The publications indicate “NA” for the information that is not available.

This publication is based on a traffic monitoring program initiated in 1997. Because the data collection techniques and statistical evaluation processes are different than those used in previous years, comparison with previous publications may be misleading.

Glossary of Terms:

Route: The Route Number assigned to this segment of roadway with the master inventory route number if this is an overlapping route, with official street or highway name if available.

Length: Length of the traffic segment in miles.

AADT: Annual Average Daily Traffic. The estimate of typical daily traffic on a road segment for all days of the week, Sunday through Saturday, over the period of one year.

QA: Quality of AADT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- H Historical Estimate
- M Manual Uncounted Estimate
- N AADT of Similar Neighboring Traffic Link
- O Provided By External Source
- R Raw Traffic Count, Unfactored

4Tire: Percentage of the traffic volume made up of motorcycles, passenger cars, vans and pickup trucks.

Bus: Percentage of the traffic volume made up of busses.

2Axle Truck: Percentage of the traffic volume made up of 2 axle single unit trucks (not including pickups and vans).

3+Axle Truck: Percentage of the traffic volume made up of single unit trucks with three or more axles.

1Trail Truck: Percentage of the traffic volume made up of units with a single trailer.

2Trail Truck: Percentage of the traffic volume made up of units with more than one trailer.

QC: Quality of Classification Data:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- C Short Term Classified Traffic Count Data
- F Factored Short Term Traffic Count Data
- H Historical Estimate
- M Mass Collective Average
- N Classification Estimates of Similar Neighboring Traffic Link

K Factor: The estimate of the portion of the traffic volume traveling during the peak hour or design hour.

QK: Quality of the Peak Hour estimate:

- A Factor based on 30th Highest Hour Observed During at least 250 days of Continuous Traffic Data
- B Factor based on other Hour Observed During Less than 250 days of Continuous Traffic Data
- F Factor based on Highest Hour Collected at in a 48 Hour Weekday Period
- M Factor based on Manual Estimate of design hour
- N Peak Hour Factor of Similar Neighboring Traffic Link
- O Provided by External Source

Dir Factor: The estimate of the portion of the traffic volume traveling in the peak direction during the peak hour..

AAWDT: Average Annual Weekday Traffic. The estimate of typical traffic over the period of one year for the days between Monday through Thursday inclusive.

QW: Quality of AAWDT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- M Manual Uncounted Estimate
- N AAWDT of Similar Neighboring Traffic Link
- O Provided by External Source

Year: Year for which the published values are appropriate. If the Quality of AADT (QA) is "R", the year is the year that the raw traffic count was collected, and if available,

Route Shield Legend

Route Systems



Interstate Route

Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined.



US Route



Virginia State Route



Secondary Route

Special Routes



Bus - Business Route

Bypas - Bypass Route

Truck - Truck Route



ALT - Alternate Route

Wve - Wve Route connector



P - Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.



The VDOT Maintenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

Virginia Department of Transportation
 Mobility Management Division
 2003
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Town of Farmville

Route	Length	AADT	QA	Year
Town of Farmville				
Bus 15 From SCL Farmville	0.72	13000	G	2003
Bus 15 From Old SCL Farmville				
Bus 15 Main Street To	0.42	15000	G	2003
Bus 15 From Milwood Rd				
Bus 15 Main Street To	0.13	15000	G	2003
Bus 15 From Gilliam St				
Bus 15 Main Street To	0.30	14000	G	2003
Bus 15 From Griffin Blvd				
Bus 15 Main Street To	0.16	11000	G	2003
Bus 15 From Gross St				
Bus 15 Main Street To	0.41	10000	G	2003
Bus 15 From Putney St				
Bus 15 Main Street To High Street	0.21	9600	G	2003
Bus 15 From Main Street				
Bus 15 High Street To	0.07	3500	G	2003
Bus 15 From Venable Street				
Bus 15 High Street To Oak Street	0.29	3400	G	2003
Bus 15 From High St				
Bus 15 Oak Street To Third St	0.28	6000	G	2003
Bus 15 From Oak Street				
Bus 15 Third Street To	1.29	11000	G	2003
Bus 15 From Industrial Park Rd				
Bus 15 Third Street To 73-695, WCL Farmville	0.94	7500	G	2003
45 From High Street	0.10	10000	G	2003
45 From Third St				
45 Main Street To	0.40	9100	G	2003
45 From River Rd				
45 Main Street To	0.18	7800	G	2003
45 From Osborne Rd				
45 Main Street To NCL Farmville	0.73	6000	G	2003
Bus 460 Bus 15 From 73-695, WCL Farmville	0.94	7500	G	2003
Bus 460 Bus 15 From Industrial Park Rd				
Bus 460 Bus 15 Third Street To RT 15 BUS	1.29	11000	G	2003
Bus 460 From Oak St				
Bus 460 Third St To Main St	0.67	7400	G	2003
Bus 460 From Main St				
Bus 460 3rd Street To Virginia St	0.17	8700	G	2003
Bus 460 From Virginia St				
Bus 460 3rd Street To Milwood Rd	1.22	7400	G	2003
Bus 460 From Milwood Rd				
Bus 460 3rd Street To ECL Farmville	0.89	6800	G	2003

Route	Length	AADT	QA	Year
Town of Farmville				
1 From US 15 Third St	0.36	2000	G	2003
1 From 73-753				
1 Industrial Park Dr To 0.74 MI N OF 73-753	0.74	570	G	2003
2 From North St				
2 2nd Street To South St	0.13	2800	G	2003
4 From High St				
4 North St To Third St	0.11	2300	G	2003
4 From Third St				
4 North St To Second St	0.08	2800	G	2003
5 From 4Th St				
5 South St To 3Rd St	0.12	1900	G	2003
5 From 3Rd St				
5 South St To 2Nd St	0.09	1200	G	2003
3851 From Main St				
3851 Griffin Blvd To High St	0.79	3900	G	2003
3852 From WCL Farmville				
3852 High St To 4Th Ave	0.62	1800	G	2003
3852 From 4Th Ave				
3852 High St To Oak St	0.38	2600	G	2003
3853 From Church St				
3853 Virginia St To Longwood Ave	0.27	720	G	2003
3853 From Longwood Ave				
3853 Virginia St To Third St	0.10	3500	G	2003
3854 From First Avenue				
3854 Barrow St To Griffin Blvd	0.13	1000	G	2003
3856 From 4Th Ave				
3856 Gilliam Dr To Main St	0.23	770	G	2003
3857 From High St				
3857 Venable St To Main St	0.18	2300	G	2003
3860 From Bus US 15 Main St				
3860 Milwood Rd To Bus US 460 Third St	1.52	4700	G	2003
3860 From Bus US 460 Third St				
3860 Persimmon Tree Fork Rd To 73-638 ECL Farmville	0.47	600	G	2003
3862 From WCL Farmville				
3862 Plank Rd To Main St	0.58	1800	G	2003
3862 From Main St				
3862 River Rd To ECL Farmville	0.55	770	G	2003
3864 From Main St				
3864 4th Street To Virginia St	0.16	2400	G	2003
3864 From Virginia St				
3864 Longwood Ave To Cedar St	0.55	1900	G	2003

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 Town of Farmville

Route	Length	AADT	QA	Year
Town of Farmville				
From: Cedar St				
3864 Longwood Ave	0.49	4100	G	2003
To: Third St				
From: School St				
1st Avenue		650	G	2003
To: Franklin St				
From: School St				
4th Avenue		80	G	2003
To: Fayette St				
From: Cobb St				
Agee St		800	G	2003
To: West Third St				
From: Georgia St				
Bizarre St		180	G	2003
To: Jefferson St				
From: Agee St				
Cobb St		220	G	2003
To: Holman St				
From: Hill St				
Edmund St		170	G	2003
To: Griffin Blvd				
From: Stepney St				
Georgia St		130	G	2003
To: Monroe St				
From: Cobb St				
Holman St		220	G	2003
To: West Third St				
From: Gum St				
Hylawn Ave		530	G	2003
To: ECL Farmville				
From: Georgia St				
Monroe St		160	G	2003
To: Maryland St				
From: Main St				
Osborne Rd		760	G	2003
To: Jefferson St				
From: Watson St				
Park Ave		180	G	2003
To: Serpell St				
From: Watson St				
Richardson St		50	G	2003
To: Glenn St				
From: 4Th Ave				
School St		80	G	2003
To: 3Rd Ave				
From: Longwood Ave				
Vaughan St		1200	G	2003
To: Third St				
From: Chambers St				
Watkins St		120	G	2003
To: Redford St				